

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

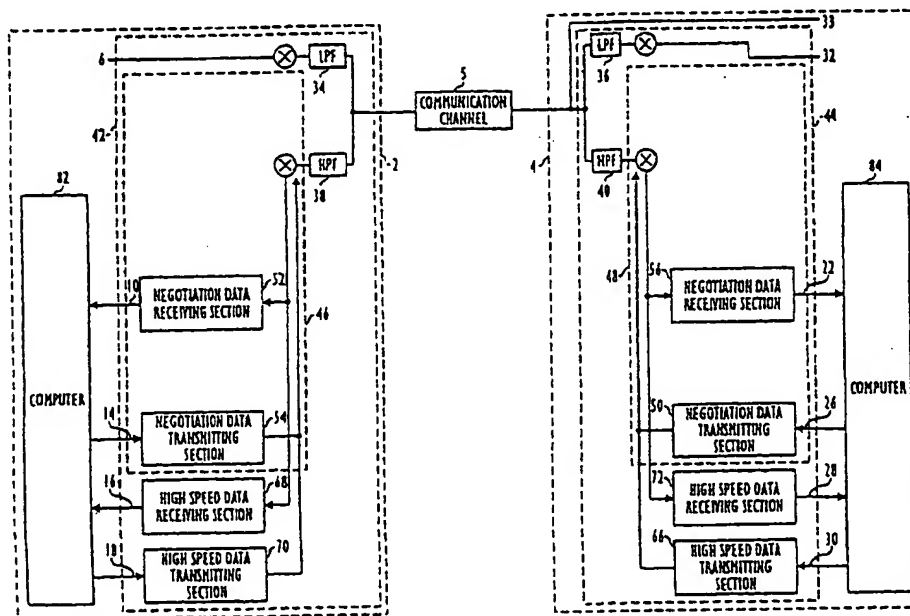
(51) International Patent Classification ⁶ : H04B 1/38		A1	(11) International Publication Number: WO 99/50967
			(43) International Publication Date: 7 October 1999 (07.10.99)
(21) International Application Number: PCT/US99/06986		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 31 March 1999 (31.03.99)			
(30) Priority Data:			
60/080,310	1 April 1998 (01.04.98)	US	
60/089,850	19 June 1998 (19.06.98)	US	
60/093,669	22 July 1998 (22.07.98)	US	
60/094,479	29 July 1998 (29.07.98)	US	
(71) Applicant (for all designated States except US): MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC. [JP/JP]; 2-3-8, Shimomeguro, Meguro-ku, Tokyo 153 (JP).			
(72) Inventor; and			
(75) Inventor/Applicant (for US only): PALM, Stephen [US/JP]; Matsushita Graphic Communication Systems, Inc., 2-3-8, Shimomeguro, Meguro-ku, Tokyo 153 (JP).			
(74) Agent: PAPERNER, Leslie, J.; Greenblum & Bernstein, P.L.C., 1941 Roland Clarke Place, Reston, VA 20191 (US).			

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: ACTIVATION OF MULTIPLE xDSL MODEMS WITH IMPLICIT CHANNEL PROBE



(57) Abstract

Apparatus and method for establishing a communication link. A negotiation data transmitting section (54) transmits carriers to a responding communication device (4). A negotiation data receiving section (54) receives carriers from the responding communication device (4), in response to the transmitted carriers. A selecting device selects an appropriate communication device from a plurality of communication devices in accordance with the responding communication device (4), in order to establish a communication channel (5).